

# This week and last week are critical for the course:

Week 3, Lectures 7-9:

Light as Particles  
Particles as waves  
Probability  
Uncertainty Principle

Week 4, Lectures 10-12:

Schrödinger Equation  
Particles in infinite wells, finite wells

## Midterm Exam Monday, week 5

It will cover lectures 1-11 and some aspects of lecture 12 (not SHOs).

Practice exams: Old exams are linked from the course web page.

Review: Sunday before Midterm

Office hours: Sunday and Monday

## Next week:

Homework 4 covers material in lecture 10 – due on Thur. after midterm.

We strongly encourage you to **look at the homework before the midterm!**

Discussion: Covers material in lectures 10-12. There will be a **quiz**.

Lab: **Go to 257 Loomis** (a computer room).

You can save a lot of time by reading the lab ahead of time –

It's a tutorial on how to draw wave functions.